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Page 1 of 7

PCT09

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P#12

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/674,277

DATE: 06/20/2002

TIME: 12:13:10

Input Set : A:\EP.txt

Output Set: N:\CRF3\06202002\I674277.raw

3 <110> APPLICANT: BIO-RAD
5 <120> TITLE OF INVENTION: Nucleotide sequences for detecting enterohaemorrhagic
6 Escherichia coli
8 <130> FILE REFERENCE: BET 00/0916
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/674,277
11 <141> CURRENT FILING DATE: 1999-04-27
13 <150> PRIOR APPLICATION NUMBER: FR 98/05329
14 <151> PRIOR FILING DATE: 1998-04-28
16 <160> NUMBER OF SEQ ID NOS: 27
18 <170> SOFTWARE: PatentIn Ver. 2.1
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 1489
22 <212> TYPE: DNA
23 <213> ORGANISM: Escherichia coli
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27 tgatttttgt cacagactca atgactaccg gacgcactga accttccggt tgttttctcca 120
28 gccagttaag ccagcgggtt cctgtctgaa aaatgtcggc aaaacgggga agcatcagaa 180
29 gggcggggga actccgtccg gccagtgaac cgtgccacac tccgggcagt acatgccgcc 240
30 ggcgctgata ccggcaagaa tggtcgcaaa ctcccgtcc gtgcagcggg ctatttcagg 300
31 atacccttgc tcatcaacac gtacaaacca gaagaccagc tttttgtttc tgacatccac 360
32 aaagaaggga atattcaggt ctgcgcagca ctcaacggca tcgtcagttg cggcttgga 420
33 ccccttagta ttttttgtct gtagtatcta tcccagcaat aggtatatcc tgttgcatca 480
34 ataaagttga cttttgtata caacatgcga atttccctta atccggagct attcgtatga 540
35 taaaaaaaac tcttctgttt ctgattcttc tggcgctatc ggggagcttt tctaccgctg 600
36 tagccgctga taaaaaagag actcaaaatt tctactatcc agaaacactg gatttaactc 660
37 ctctgagatt acacagccct gaatcaaate cctggggggc tgattttgat tatgccacca 720
38 gatttcaaca gctggatatg gaggctctga aaaaagatat caaagatttg ctgacaactt 780
39 cccaggattg gtgccctgcg gattatggtc attatgggcc tttctttatt cgtatggctt 840
40 ggcaagggtg cggaacatac aggacatatg atggccggg aggcgccagt ggtggtcagc 900
41 aacgttttga accgctgaac agctggccgg ataacgttaa tctggataaa gcccgctgat 960
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44 gagaagatga ctgggagtcg gacctggtat actgggggcc tgacaacaag cctcttgcat 1140
45 ataaccggga taaaaacggg aaacttcaga aacctcttgc cgccacgcag atgggactta 1200
46 tttatgtcaa tctgaaggc cccggtggaa aaccagatcc tctggcttcc gcgaaagata 1260
47 tcagggaagc tttttcacgt atggccatgg atgatgagga gactgtggcc ctgatcgcgg 1320
48 gagggcatatc atttggtaaa gcacatgggt cagcgtctcc tgaaaaatgt attggcgcag 1380
49 ggccctgatg tgcacctgtg gaggagcagg gactgggatg gaaaaataaa tgtggtacag 1440
50 gaaacggcaa atataccatc accagtggcc tgggaaggagc ctggtcgcac 1489
53 <210> SEQ ID NO: 2
54 <211> LENGTH: 1181
55 <212> TYPE: DNA

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56 <213> ORGANISM: Escherichia coli
58 <400> SEQUENCE: 2
59 ctgcaggaga tggaaaaaaa gccaaaataa aaaattgccc atcccagcgc gctccagctg 60
60 aaagtaggcc tgttctgtcc ggtatttaaa tgcattgacc gtccccgtat ttaaacaatg 120
61 tgataaatta ctccgttaac ggaaaaccgc tgaacaaaat tcgggctgaa aagaggatcc 180
62 gccgttatct gttgcatttc cccttagcct gactagccag agacacaatg atctgtgccg 240
63 ttctgttaat atcaaacccg tactcaatat cttctctggc gctggctgcc atcatccgga 300
64 agcgttccgg tcgggataaa aaatcgcgca gtgcgcgggt ccatgcagac acatcccca 360
65 cgggtaacag cgtccctgtc acattcttct gaatgacatc agggatcccg cccgtctcac 420
66 tggcgataac gggcacgcgc gagactgacg cttcagccag taccatacca aacgcttcat 480
67 ttccgaagg catgaccacc acactggcaa tccggtagac cggtaacgct gggaaaagg 540
68 cacctgccat taacacatct ccgctcattc ccaggtgttc tgtctgtga cgcagacgtg 600
69 cttcgtattc ttcacgcccg gcgccacca cgagccagcg aaatgatttc ccttccatct 660
70 tcagctgata caatacacgc agcataaatt catgtccttt ttcgggacgt agcatcccca 720
71 cctgaacgat aagcggaaca ttgtctgtg atgcagccca ggctggata tgcaggggta 780
72 acggtcgcat ggcttcatta tgcaatgcgg gccagtcgaa acccggtgga ataaccgtta 840
73 ccggtgtcct gacaccttcc gccatcagat gcgccatcat gggtagata ggcacaacaa 900
74 tgaaatcaca cagataattc agggaaaacg ttctggtctt acgggtgatg taggtttttt 960
75 gtctgacaat agtgaagcgg tgacagcata tcagacggct cagtctgtct atattactgt 1020
76 catggccact atggcagatg accagatcag gtttaaattc cccgataatc cgtcgaagtc 1080
77 tgaggatgga aggaaggtga aggctgttcc tgaaaggaat aaaagtgaca tcatgccctc 1140
78 tttttctggc ttccggagca attttacttt tttctctgca g 1181
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82 <211> LENGTH: 22
83 <212> TYPE: DNA
84 <213> ORGANISM: Artificial Sequence
86 <220> FEATURE:
87 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
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90 cggagatgaa agcaccactg tg 22
93 <210> SEQ ID NO: 4
94 <211> LENGTH: 22
95 <212> TYPE: DNA
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
101 <400> SEQUENCE: 4
102 gggctgtgta atctcagagg ag 22
105 <210> SEQ ID NO: 5
106 <211> LENGTH: 25
107 <212> TYPE: DNA
108 <213> ORGANISM: Artificial Sequence
110 <220> FEATURE:
111 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
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114 gtccggagat gaaagcacca ctgtg 25
117 <210> SEQ ID NO: 6
118 <211> LENGTH: 25
119 <212> TYPE: DNA

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120 <213> ORGANISM: Artificial Sequence
122 <220> FEATURE:
123 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
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129 <210> SEQ ID NO: 7
130 <211> LENGTH: 23
131 <212> TYPE: DNA
132 <213> ORGANISM: Artificial Sequence
134 <220> FEATURE:
135 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
137 <400> SEQUENCE: 7
138 ggcgtgata ccggaagaa tgg 23
141 <210> SEQ ID NO: 8
142 <211> LENGTH: 23
143 <212> TYPE: DNA
144 <213> ORGANISM: Artificial Sequence
146 <220> FEATURE:
147 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
149 <400> SEQUENCE: 8
150 ggtccgcag gccatgattt ttg 23
153 <210> SEQ ID NO: 9
154 <211> LENGTH: 24
155 <212> TYPE: DNA
156 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
159 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
161 <400> SEQUENCE: 9
162 ccggcaagaa tggtcgcaaa ctcc 24
165 <210> SEQ ID NO: 10
166 <211> LENGTH: 26
167 <212> TYPE: DNA
168 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
173 <400> SEQUENCE: 10
174 aaggggttcc aagccgcaac tgacga 26
177 <210> SEQ ID NO: 11
178 <211> LENGTH: 26
179 <212> TYPE: DNA
180 <213> ORGANISM: Artificial Sequence
182 <220> FEATURE:
183 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
185 <400> SEQUENCE: 11
186 taaggggttc caagccgcaa ctgacg 26
189 <210> SEQ ID NO: 12
190 <211> LENGTH: 31
191 <212> TYPE: DNA
192 <213> ORGANISM: Artificial Sequence

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TIME: 12:13:10

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194 <220> FEATURE:
195 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
197 <400> SEQUENCE: 12
198 ctcaacggca tcgtcagttg cggcttgga c          31
201 <210> SEQ ID NO: 13
202 <211> LENGTH: 31
203 <212> TYPE: DNA
204 <213> ORGANISM: Artificial Sequence
206 <220> FEATURE:
207 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
209 <400> SEQUENCE: 13
210 agcactcaac ggcacgtca gttgcggctt g          31
213 <210> SEQ ID NO: 14
214 <211> LENGTH: 31
215 <212> TYPE: DNA
216 <213> ORGANISM: Artificial Sequence
218 <220> FEATURE:
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221 <400> SEQUENCE: 14
222 ctatttcagg ataccttcg tcatcaacac g          31
225 <210> SEQ ID NO: 15
226 <211> LENGTH: 31
227 <212> TYPE: DNA
228 <213> ORGANISM: Artificial Sequence
230 <220> FEATURE:
231 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
233 <400> SEQUENCE: 15
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239 <212> TYPE: DNA
240 <213> ORGANISM: Artificial Sequence
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243 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
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250 <211> LENGTH: 20
251 <212> TYPE: DNA
252 <213> ORGANISM: Artificial Sequence
254 <220> FEATURE:
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262 <211> LENGTH: 14
263 <212> TYPE: DNA
264 <213> ORGANISM: Artificial Sequence
266 <220> FEATURE:

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Input Set : A:\EP.txt

Output Set: N:\CRF3\06202002\I674277.raw

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267 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
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273 <210> SEQ ID NO: 19
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275 <212> TYPE: DNA
276 <213> ORGANISM: Artificial Sequence
278 <220> FEATURE:
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281 <400> SEQUENCE: 19
282 cggcatcggtc agttgc 16
285 <210> SEQ ID NO: 20
286 <211> LENGTH: 18
287 <212> TYPE: DNA
288 <213> ORGANISM: Artificial Sequence
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293 <400> SEQUENCE: 20
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297 <210> SEQ ID NO: 21
298 <211> LENGTH: 22
299 <212> TYPE: DNA
300 <213> ORGANISM: Artificial Sequence
302 <220> FEATURE:
303 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
305 <400> SEQUENCE: 21
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309 <210> SEQ ID NO: 22
310 <211> LENGTH: 22
311 <212> TYPE: DNA
312 <213> ORGANISM: Artificial Sequence
314 <220> FEATURE:
315 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
317 <400> SEQUENCE: 22
318 caccttcctt ccacctcag ac 22
321 <210> SEQ ID NO: 23
322 <211> LENGTH: 20
323 <212> TYPE: DNA
324 <213> ORGANISM: Artificial Sequence
326 <220> FEATURE:
327 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
329 <400> SEQUENCE: 23
330 atcccagcgc gctccagctg 20
333 <210> SEQ ID NO: 24
334 <211> LENGTH: 22
335 <212> TYPE: DNA
336 <213> ORGANISM: Artificial Sequence
338 <220> FEATURE:
339 <223> OTHER INFORMATION: Description of Artificial Sequence: primer

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/674,277

DATE: 06/20/2002

TIME: 12:13:11

Input Set : A:\EP.txt

Output Set: N:\CRF3\06202002\I674277.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number